

Technical Data

DIODE



maximum ratings

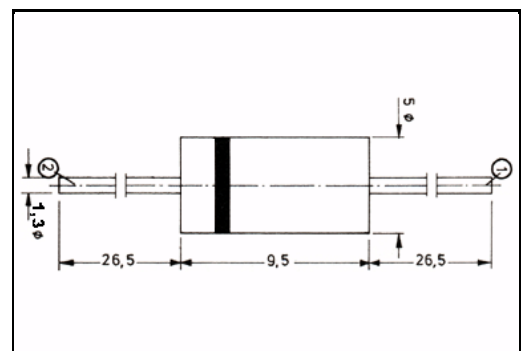
Voltage, Reverse (VR)	1000.0	V	NO.	BYT13-1000
Voltage, Reverse Peak (VRM)	1000.0	V	TYPE	PLASTIC-FAST-RECOVERY
Current at VR = 0V (IO)		A		
Current Average Rectified (IF)	3.0	A		
Current Surge Peak (IZM)		A	CASE	DO-201AD
Current, Surge (IFM) at tp = 10 ms	100.0	A		
Max. Power Dissipation (PT) at TC = °C		W		
Max. Thermal Resistance (Rth J-A)	25.0	°C/W		
Max. Junction Temperature (TJ)	150.0	°C		

PERFORMANCE CHARACTERISTICS at $T_c = 25^\circ\text{C}$, unless otherwise noted

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	IR	VR = 1000.0 V	-	20.0	μA
2.	VF	IF = 3.0 A	-	1.3	V
3.	trr	IF = 0.5 A, IR = 1.0 A	-	155.0	ns
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Notes

DIMENSIONS
in mm



Marking BYT13-1000
Customer GENERAL PURPOSE